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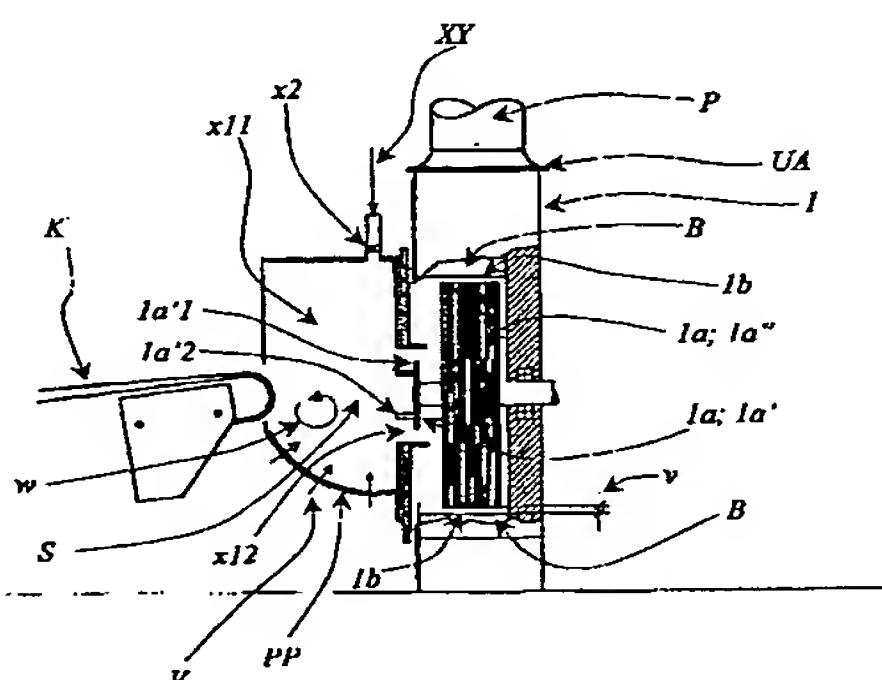
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(54) Title: METHOD AND APPARATUS FOR FIBERIZING PARTICULARLY PAPER AND/OR PAPERBOARD BASED MATERIAL



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(57) Abstract: The invention relates to a method for fiberizing particularly paper and/or paperboard based material, for feeding a fiberized material, such as pulp wool, wood fiber or the like, subsequently to a further process, such as its application site, intermediate storage, shipping and/or the like. Fiberization is performed by means of a pulper (1), which is provided with a primary space (A) for processing the material to be fiberized with a knife assembly (1a) included therein and rotating on a driving shaft (s), the material to be processed being forced, in order to fiberize the same, in response to its rotary motion (w) through a screen assembly (1b) associated with, such as surrounding the knife assembly (1a), into a secondary space (B) present in the pulper (1), for supplying the fiberized material further through an expulsion opening (UA) of the pulper (1) to further processing. The knife assembly (1a) comprises a primary knife unit (1a') by which a material to be fed into the pulper (1) is finally prepared for fiberization in a so-called integrated manner in conjunction with fiberization, and a secondary knife unit (1a'') by which the material to be processed is fiberized by forcing it to pass first through the secondary knife unit (1a''), such as between vanes (1a''1) constituting such unit, and secondly through a screen assembly (1b), such as a mesh, a grate, a perforated plate and/or the like, spaced from the knife assembly (1a) by a clearance (v). The invention relates also to an apparatus for applying the above-described method.